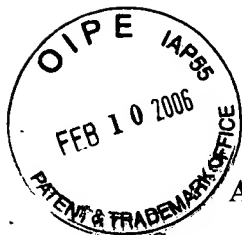


Express Mail Label No.: EL 934479466 US
Date of Deposit: February 10, 2006

Attorney Docket No.: 24862-503
(Former Docket No.: Duke 1931)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : Jonathan S. Stamler
SERIAL NUMBER. : 09/977,693 **EXAMINER :** David A. Lambertson
FILING DATE : October 16, 2001 **ART UNIT :** 1636
FOR : *PROTEOMIC INTERACTION AND GENOMIC ACTION DETERMINATIONS IN
THE PRESENCE OF ASSOCIATED REDOX STATE CONDITIONS*

MAIL STOP RCE

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO THE FINAL OFFICE ACTION DATED
APRIL 18, 2005 AND ADVISORY ACTION DATED AUGUST 22, 2005**

In response to the Final Office Action mailed April 18, 2005, and the Advisory Action mailed August 22, 2005, Applicant submits herewith a Request for Continued Examination under 37 CFR 1.114 and this Amendment and Response. Also submitted herewith is a Petition for a Five Month Extension of Time and the appropriate fee. Entry and consideration of this Amendment and associated papers in the application is respectfully requested.

Amendments to the claims are shown in the listing of claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.